



Please type a plus sign (+) inside this box ☐

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/006,223
Filing Date	12/10/01
First Named Inventor	Mitterer, et al.
Group Art Unit	1651
Examiner Name	
Attorney Docket Number	20695C-002100US

RECEIVED

NOV 13 2002

TECH CENTER 1600/290

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
32	AA	6,010,844		Fischer et al.	01/04/00	
32	AB	6,100,061		Reiter et al.	08/08/00	

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
32	AC	PCT	WO 96/15231			05/23/96		

Examiner
Signature

[Signature]

Date
Considered

6-3-03

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PF 1338507 v1



Please type a plus sign (+) inside this box ☐

PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 3

Complete if Known

Application Number	10/006,223
Filing Date	12/10/01
First Named Inventor	Mitterer, et al.
Group Art Unit	1651
Examiner Name	
Attorney Docket Number	20695C-002100US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
32	AD	Cohen et al., <i>Heptitis A Virus cDNA and Its RNA Transcripts Are Infectious in Cell Culture</i> , <i>Journal of Virology</i> , Vol. 61:10, Pg. 3035-3039 (1987).	
32	AE	Ellouali et al., <i>Affinity of trypsin for Amidine Derivatives Immobilized on Dextran-Coated Silica Supports</i> , <i>Chromsymp</i> , 2215, Pg. 255-265 (1991).	
32	AF	Jurasek et al., <i>An Improved Fractionation System for Pronase on CM-Sephadex</i> , <i>Canadian Journal of Biochemistry</i> , Vol. 49, Pg. 1195-1201 (1971).	
32	AG	Kasai, <i>Trypsin and Affinity Chromatography</i> , <i>Journal of Chromatography</i> , No. 597, Pg. 3-18 (1992).	
32	AH	Kasai et al., <i>Affinity Chromatography of Trypsin and Related Enzymes</i> , <i>Journal of Biochem</i> , Vol. 78:4, Pg. 653-662 (1975).	
32	AI	Kistner et al., <i>Development of a Mammalian Cell (Vero) Derived Candidate Influenza Virus Vaccine</i> , <i>Vaccine</i> , Vol. 16:9/10, Pg. 960-968 (1998).	
32	AJ	Litwin, <i>The Growth of Vero Cells in Suspension as Cell-Aggregates in Serum-Free Media</i> , <i>Cytotechnology</i> , Vol. 10, Pg. 169-174 (1992).	
32	AK	Manousos et al., <i>Feasibility Studies of Oncornavirus Production in Microcarrier Cultures</i> , <i>In Vitro</i> , Vol. 16:6, Pg. 507-515 (1980).	
32	AL	Miyata et al., <i>Binding of Viral Glycoprotein with Trypsin and Its Relation to Virulency II. Comparison Between Bovine and Streptomyces Griseus Trypsins</i> , <i>Cell Structure and Function</i> , Vol. 16, Pg. 39-43 (1991).	
32	AM	Olafson et al., <i>Enzymic and Physicochemical Properties of Streptomyces Griseus Trypsin</i> , <i>Biochemistry</i> , Vol. 14:6, Pg. 1161-1167 (1975).	
32	AN	Olafson et al., <i>Amino Acid Sequence of Streptomyces Griseus Trysin. Cyanogen Bromide Fragments and Complete Sequence</i> , <i>Biochemistry</i> , Vol. 14:6, Pg. 1168-1177 (1975).	
32	AO	Shimura et al., <i>Affinophoresis of Trypsins</i> , <i>Journal of Biochem</i> , Vol. 92, Pg. 1615-1622 (1982).	

Examiner
Signature

Date
Considered

6-4-03

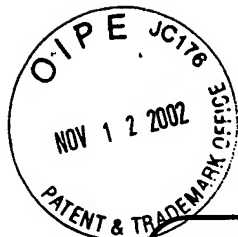
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.
SF 1338507 v1

NOV 13 2002

RECEIVED



Please type a plus sign (+) inside this box ☐

PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 3 of 3

Complete if Known

Application Number	10/006,223
Filing Date	12/10/01
First Named Inventor	Mitterer, et al.
Group Art Unit	1651
Examiner Name	
Attorney Docket Number	20695C-002100US

RECEIVED

NOV 13 2002

TECH CENTER 1600/290

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
32	AP	Weinstein, <i>Comparison of Pronase and Trypsin for Detachment of Human Cells During Serial Cultivation</i> , <u>Experimental Cell Research</u> , Vol. 43, Pg. 234-237 (1966).	
32	AQ	Wood et al., <i>An Improved Single-Radial-Immunodiffusion Technique for the Assay of Influenza Haemagglutinin Antigen: Application for Potency Determinations of Inactivated Whole Virus and Subunit Vaccines</i> , <u>Journal of Biological Standardization</u> , Vol. 5, Pg. 237-247 (1977).	
32	AR	Wu et al., <i>Purification of Trypsin by Affinity Chromatography with Sulphamethoxazolum Ligand</i> , <u>Biomedical Chromatography</u> , Vol. 10, Pg. 228-232 (1996).	
32	AS	Yokosawa et al.: <i>Affinity Chromatography of Trypsin and Related Enzymes</i> , <u>Journal of Biochem.</u> Vol. 79, Pg. 757-763 (1976).	

Examiner
Signature

Date
Considered

6-9-03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.
SF 1338507 v1